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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/808,832

DATE: 07/17/2001
TIME: 09:26:33

Input Set : A:\PTO.txt
Output Set: N:\CRF3\07172001\I808832.raw

ENTERED

3 <110> APPLICANT: DuPont Pharmaceuticals Company
5 <120> TITLE OF INVENTION: Peptidase-cleavable, targeted antineoplastic drugs and their therapeutic
6 use
8 <130> FILE REFERENCE: PH-7134
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/808,832
C--> 10 <141> CURRENT FILING DATE: 2001-03-15
10 <150> PRIOR APPLICATION NUMBER: 60/189,387
11 <151> PRIOR FILING DATE: 2000-03-15
13 <160> NUMBER OF SEQ ID NOS: 210
15 <170> SOFTWARE: PatentIn version 3.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 5
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
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23 <221> NAME/KEY: MOD_RES
24 <222> LOCATION: (1)..(1)
25 <223> OTHER INFORMATION: 4-methoxy-benzenesulfonyl-beta-alanine
28 <220> FEATURE:
29 <221> NAME/KEY: MOD_RES
30 <222> LOCATION: (3)..(3)
31 <223> OTHER INFORMATION: homophenylalanine
34 <220> FEATURE:
35 <221> NAME/KEY: PEPTIDE
36 <222> LOCATION: (1)..(5)
37 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 433A
pep
38 tide synthesizer using readily available materials well known to
39 ordinarily skilled artisans
42 <400> SEQUENCE: 1
44 Xaa Gly Xaa Tyr Leu
45 1 5
47 <210> SEQ ID NO: 2
48 <211> LENGTH: 5
49 <212> TYPE: PRT
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <221> NAME/KEY: MOD_RES
54 <222> LOCATION: (1)..(1)
55 <223> OTHER INFORMATION: 1,2-C6H4(CO)2-histidine
58 <220> FEATURE:
59 <221> NAME/KEY: MOD_RES
60 <222> LOCATION: (3)..(3)
61 <223> OTHER INFORMATION: homophenylalanine
64 <220> FEATURE:
65 <221> NAME/KEY: PEPTIDE
66 <222> LOCATION: (1)..(5)

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67 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 433A
pep

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68 tide synthesizer using readily available materials well known to
69 ordinarily skilled artisans
72 <400> SEQUENCE: 2
74 Xaa Gly Xaa Tyr Leu
75 1 5
77 <210> SEQ ID NO: 3
78 <211> LENGTH: 5
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <221> NAME/KEY: MOD_RES
84 <222> LOCATION: (1)..(1)
85 <223> OTHER INFORMATION: acetyl-proline
88 <220> FEATURE:
89 <221> NAME/KEY: PEPTIDE
90 <222> LOCATION: (1)..(5)
91 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 433A

pep

92 tide synthesizer using readily available materials well known to
93 ordinarily skilled artisans
96 <400> SEQUENCE: 3
98 Xaa Leu Gly Leu Leu
99 1 5
101 <210> SEQ ID NO: 4
102 <211> LENGTH: 5
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
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108 <222> LOCATION: (1)..(1)
109 <223> OTHER INFORMATION: acetyl-proline
112 <220> FEATURE:
113 <221> NAME/KEY: PEPTIDE
114 <222> LOCATION: (1)..(5)
115 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep

116 tide synthesizer using readily available materials well known to
117 ordinarily skilled artisans
120 <400> SEQUENCE: 4
122 Xaa Leu Gly Leu Leu
123 1 5
125 <210> SEQ ID NO: 5
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127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial Sequence
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131 <221> NAME/KEY: MOD_RES
132 <222> LOCATION: (2)..(2)
133 <223> OTHER INFORMATION: beta alanine
136 <220> FEATURE:
137 <221> NAME/KEY: MOD_RES

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138 <222> LOCATION: (1)..(1)
139 <223> OTHER INFORMATION: acetyl-proline
142 <220> FEATURE:
143 <221> NAME/KEY: PEPTIDE
144 <222> LOCATION: (1)..(5)
145 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep
146 tide synthesizer using readily available materials well known to
147 ordinarily skilled artisans

WJK 150 <400> SEQUENCE: 5
152 Xaa Xaa Gly Leu Leu

153 1 5
155 <210> SEQ ID NO: 6
156 <211> LENGTH: 5
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
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161 <221> NAME/KEY: MOD_RES
162 <222> LOCATION: (2)..(2)
163 <223> OTHER INFORMATION: 4-aminobutyric acid
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169 <223> OTHER INFORMATION: acetyl-proline
172 <220> FEATURE:
173 <221> NAME/KEY: PEPTIDE
174 <222> LOCATION: (1)..(5)
175 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep
176 tide synthesizer using readily available materials well known to
177 ordinarily skilled artisans

WJK 180 <400> SEQUENCE: 6
182 Xaa Xaa Gly Leu Leu

183 1 5
185 <210> SEQ ID NO: 7
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193 <223> OTHER INFORMATION: cyclohexylalanine
196 <220> FEATURE:
197 <221> NAME/KEY: MOD_RES
198 <222> LOCATION: (1)..(1)
199 <223> OTHER INFORMATION: acetyl-proline
202 <220> FEATURE:
203 <221> NAME/KEY: PEPTIDE
204 <222> LOCATION: (1)..(5)
205 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep
206 tide synthesizer using readily available materials well known to

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207 ordinarily skilled artisans
210 <400> SEQUENCE: 7
212 Xaa Xaa Gly Leu Leu
213 1 5
215 <210> SEQ ID NO: 8
216 <211> LENGTH: 5
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <221> NAME/KEY: PEPTIDE
222 <222> LOCATION: (1)..(5)
223 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI
433A pep
224 tide synthesizer using readily available materials well known to
225 ordinarily skilled artisans
228 <400> SEQUENCE: 8
230 Pro Leu Gly Leu Leu
231 1 5
233 <210> SEQ ID NO: 9
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235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <221> NAME/KEY: MOD_RES
240 <222> LOCATION: (1)..(1)
241 <223> OTHER INFORMATION: MeOCH2CH2OCH2(=O)-proline
244 <220> FEATURE:
245 <221> NAME/KEY: PEPTIDE
246 <222> LOCATION: (1)..(5)
247 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI
433A pep
248 tide synthesizer using readily available materials well known to
249 ordinarily skilled artisans
252 <400> SEQUENCE: 9
254 Xaa Leu Gly Leu Leu
255 1 5
257 <210> SEQ ID NO: 10
258 <211> LENGTH: 5
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <221> NAME/KEY: MOD_RES
264 <222> LOCATION: (1)..(1)
265 <223> OTHER INFORMATION: MeOCH2CH2OCH2CH2OCH2C(=O)-proline
268 <220> FEATURE:
269 <221> NAME/KEY: PEPTIDE
270 <222> LOCATION: (1)..(5)
271 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI
433A pep
272 tide synthesizer using readily available materials well known to
273 ordinarily skilled artisans
276 <400> SEQUENCE: 10

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279 1 5
281 <210> SEQ ID NO: 11
282 <211> LENGTH: 5
283 <212> TYPE: PRT
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286 <220> FEATURE:
287 <221> NAME/KEY: MOD_RES
288 <222> LOCATION: (1)..(1)
289 <223> OTHER INFORMATION: H2NCH2CH2N(CH2CH2)2NCH2C(=O)-proline
292 <220> FEATURE:
293 <221> NAME/KEY: PEPTIDE
294 <222> LOCATION: (1)..(5)
295 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep
296 tide synthesizer using readily available materials well known to
297 ordinarily skilled artisans
300 <400> SEQUENCE: 11
WJL> 302 Xaa Leu Gly Leu Leu
303 1 5
305 <210> SEQ ID NO: 12
306 <211> LENGTH: 5
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <221> NAME/KEY: MOD_RES
312 <222> LOCATION: (1)..(1)
313 <223> OTHER INFORMATION: AcHNCH2CH2N(CH2CH2)2NCH2C(=O)-proline
316 <220> FEATURE:
317 <221> NAME/KEY: PEPTIDE
318 <222> LOCATION: (1)..(5)
319 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep
320 tide synthesizer using readily available materials well known to
321 ordinarily skilled artisans
324 <400> SEQUENCE: 12
WJL> 326 Xaa Leu Gly Leu Leu
327 1 5
329 <210> SEQ ID NO: 13
330 <211> LENGTH: 5
331 <212> TYPE: PRT
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <221> NAME/KEY: MOD_RES
336 <222> LOCATION: (1)..(1)
337 <223> OTHER INFORMATION: AcN(CH2CH2)2NCH2C(=O)-proline
340 <220> FEATURE:
341 <221> NAME/KEY: PEPTIDE
342 <222> LOCATION: (1)..(5)
343 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep
344 tide synthesizer using readily available materials well known to

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

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Input Set : A:\PTO.txt

Output Set: N:\CRF3\07172001\I808832.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:908 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47

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L:1316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51